

## USE OF CHIMERIC NUCLEASES TO STIMULATE GENE TARGETING

### ABSTRACT OF THE DISCLOSURE

5           Gene targeting is a technique to introduce genetic change into one or more  
specific locations in the genome of a cell. For example, gene targeting can introduce  
genetic change by modifying, repairing, attenuating or inactivating a target gene or  
other chromosomal DNA. In one aspect, this disclosure relates to methods and  
compositions for gene targeting with high efficiency in a cell. This disclosure also  
10 relates to methods of treating or preventing a genetic disease in an individual in need  
thereof. Further disclosed are chimeric nucleases and vectors encoding chimeric  
nucleases.

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